Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature of employment Regular/permanent or) /-	Year	Number of lectures taken/year. Topics	Name of Lecture Topics
Physiology			contract/outsourced	Institution	Designation	From	То		covered	
1 Institute	Dr. Chhaya A. Saraf	Professor & HOD	Regular	Chandulal Chandrakar Memorial Medical	D C	11.00.10		2019	22	Neural regulation of respiration
		TOTESSOF & HOD	Regulai	College, Durg	Professor	14-09-13	29-12-17			
	MBBS, MD			Banas Medical College, Palanpur	Professor	02-01-18	19-03-19			Mastication & Deglutition
	46210			Dr. D.Y.Patil Medical College, Pune	Professor	18-11-19	Till Date		15	Gastric emptying
										Disorders of GIT
7										Structure & Functions of kidney
										Flip Teaching: Micturition reflex & its disorders (SDL)
										SGT: Regulation of respiration
										Flip Teaching: Calcium Homeostasis (SDL)
										Ethics- VI What does it mean to be a patient: Empathy
										Disorders of anterior pituitary gland
										Pyramidal tracts (Descending tract - I)
							1			Extra Pyramidal tract (Descending tract – II
							1			Vestibular apparatus
									-	Prefrontal lobe & speech
							1			Menstrual cycle - I (Ovarian changes & hormonal control)
							1			Ethics –IX Doctor Patient relationship: Group dynamics
										Descending tract
										SGT: Blood pressure
										SGT: GFR
							1			SGT: Gastric emptying
										Tutorial: Growth hormone
										Tutorial: Prefrontal lobe & speech
							1	2020	20	Neuromuscular junction- I
										Neuromuscular junction-II
										Haemodynamics – I
										Haemodynamics-II
										Circulatory Shock
										Chemical regulation of respiration
										Gastric emptying
										Concentration & dilution of urine-I
							1			Concentration & dilution of urine-II
							1			synapse- I
							1			synapse- II,
										Basal ganglia-I
										Basal ganglia-II
							1			Lesions of Spinal Cord - I
										Lesions of Spinal Cord - II
							1			AETCOM- Doctor patient relationship
										SDL on Regulation of respiration
										SDL – Thyroid hormone-Synthesis & physiological action
									9	SDL on Muscle tone
								-		SDL on Posture
				2						
2	Dr. Vilas Jaltade	Professor		Bahusaheb Hire Govt. Medical College,	Professor	17-05-10	04-03-16	2017	34	Action Potential – I
-				Dhule						1.0
	MBBS, MD			Dr. D.Y.Patil Medical College, Pune	Professor	01-04-17	Till Date			Action Potential – II
	51601	1							l	Origin & spread of cardiac impulse

~ W	Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature of employment Regular/permanent or	Details of Service	vice in the Last 5 year Designation	From	To	Year	Number of lectures taken/year. Topics covered	Name of Lecture Topics
	*			contract/outsourced	Institution	2 co.g.minon			-	covered	Haemodynamics- I
											Haemodynamics- II
											Neural regulation of respiration
											Urine formation I
											Urine formation II
											Pyramidal tract
		F									Cerebellum -I
											Cerebellum -II
											Accommodation & visual reflexes
											ANS- I
											ANS- II
											Gastric emptying
											GIT Hormones
						and the second s					Physiology of pregnancy – I
											Physiology of pregnancy – II
											Problem solving: Temperature regulation / Excretory system
											Problem solving: Central Nervous system
											Problem solving
											SGT: Cardiac cycle
											SGT: Circulatory Shock
											SGT: Regulation of respiration
											SGT – Synapse
											SGT - Ascending tracts
											SGT – Physiology of pain
			/								SGT: Visual pathway & its lesions
											Flip Teaching: Growth hormone
											Flip Teaching: Biosynthesis & regulation of thyroid hormone
											Flip Teaching: Glucocorticoids
											Flip Teaching: Menstrual cycle
											Flip Teaching: Spermatogenesis
			(Flip Teaching: Lactation
									2018	24	Transport across the cell membrane - I
											Transport across the cell membrane -II
											Resting membrane potential
											Origin & spread of cardiac impulse
											Cardiac cycle - I
											Cardiac cycle - II
											Transport of CO ₂
											Urine formation - IV
											Adrenal cortex - I(Glucocorticoid)
											Adrenal cortex – II
				Y							Ascending tracts
				1							Exocrine pancreas
											Muscle Tone – I
				\ dild							Muscle Tone – II
											Posture - I
											Posture – II
											Flip teaching: Gastric secretion
			ED. 400								SGT: Mechanics of respiration
			Dr. D.	Y. Path Medical Co	ollege,				1		1001. Mechanics of respitation
			p	impri, P yri e - 41101	18						
				complete a Mile	U ₁						

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Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature of employment Regular/permanent or	Details of Service i		From	То	Year	Number of lectures taken/year. Topics	Name of Lecture Topics
₩			contract/outsourced	Institution	Designation	From	10		covered	SGT: Menstrual cycle
rd.								1		
										SGT: Physiology of pregnancy SGT: Optic tract & effect of lesion at various level/ Mechanism of hearing
										SGT: Optic tract & effect of lesion at various level/ Mechanism of hearing SGT: Cerebellum
										Problem solving classes: CNS & SS
									1	Problem solving classes: CNS & SS Problem solving classes: Endo, Reproduction, Blood, Temperature Regulation
				*					10	Neuromuscular junction - I
								2019	18	
										Neuromuscular junction – II
										ECE Physiology Blood Bank
										Blood Pressure – I
										Blood Pressure - II
										Mechanics of respiration - I
										Mechanics of respiration – II
										GFR – I (Urine formation - I)
										GFR –II (Urine formation – II)
										SGT: Regulation of respiration
										Flip Teaching: Calcium Homeostasis (SDL)
										Anterior Pituitary gland – I (functional anatomy, Hypothalamic control of
										anterior pituitary)
										Anterior Pituitary gland – II (Growth hormone)
										Basal ganglia – I
			/							Basal Ganglia – II
										Limbic system - I
										Limbic system - II
										Tutorial: Neuromuscular junction
								2020	16	Introduction of Physiology
		,								Resting membrane potential
										Cardiac Cycle – I
								1	1	Cardiac cycle- II
		/						1		Neural Regulation of respiration
										Mastication & Deglutition
										Anterior pituitary gland-I (Functional Anatomy Hypothalamic control of anterior
										pituitary)
									1	Disorders of anterior pituitary gland,
		/								Reflex action
										Ascending tracts
										Limbic system I
										Limbic system II
										Cardiac Failure
									1	SDL on Basal ganglia, caudate & Putamen circuit, Functions of basal ganglia,
										Parkinsons disease
									1	SDL on Physiology of pain
										SDL on Reflex action
	T		1							
3	Dr. Mahesh Karandikar	Professor	Regular	Dr.D.Y.Patil Medical College,Pune	Professor	01-05-09	till date	2016	57	Homeostasis
5	MSc, PhD	01-05-09	1						1	Composition & functions of blood
	3.2.2, 2.02		1						1	WBC
										Transport across cell membrane

Department	Name of Faculty Quilification	Current Designation &	Nature of employment Regular/permanent	Details of Sea	vice in the Last 5 year	rs		Year	Number of lectures taken/year. Topics	Name of Lecture Topics
8	IMR Number	Duce of Fromotion	or contract/outsourced	Institution	Designation	From	То		covered	
			contract/outsourceu							Action Potential
										Classification of muscle & structure of skeletal muscle
								1		Introduction to CVS
										Haemodynamics
										Cardiac output I
										Cardiac output II
¥								1		Cardio respiratory changes during exercise
										Receptor-I
										Receptor-II
										Reticular formation & ARAS
										Thalamus
									1	Sleep & wakefulness
										Posture & Equilibrium - I
										Posture & Equilibrium - II
										EEG
										Lesions of spinal cord Neurophysiology of Vision - I
										Neurophysiology of Vision - I
										Neurophysiology of Vision - II
										Introduction to Reproductive system, Sex determination & differentiation
										Parathyroid & calcium metabolism
										Physiology of puberty (male & female)
										Female sex hormones
										Introduction to gastrointestinal system (Including splanchnic circulation)
										Problem solving: Central Nervous System
										RMP & action potential
										Regulation of respiration
								1		Prefrontal lobe, CSF, Blood Brain Barrier, Brown Sequard Syndrome
										Sex determination, Puberty, Male reproductive system
										SGT: Transport across cell membrane
	/									SGT: Resting membrane potential & Action potential
										SGT: Neuro muscular junction
										SGT: Ionic basis of muscle contraction
	(SGT: Immunity
										SGT: Cardiac cycle
										SGT: Heart rate
										SGT: Blood pressure
								1		SGT: Cardiac output
										SGT: Shock
		6								SGT: Coronary circulation
								1		SGT: Pulmonary circulation
			X /					1		SGT: Mechanics of respiration
		\	1/						1	SGT: Diffusion & transport of gases
		1	1//		(4)					SGT: Regulation of respiration
			1 200						1	SGT: Cerebellum
			A Same Same							SGT: Descending tract
		Dr. D. V	Pathylizdical Colle	no:					1	SGT: Neurophysiology of vision
		part sort fu	1 X X COLO COLO	307						SGT: Anterior Pituitary gland
		Pimp	ori) Rane - 411018.						1	SGT: Adrenal cortex
		•	XI							SGT: Sex determination, sex differentiation & puberty in male & female
			/ \ \ '					Ī	L	1001. Don determination, son differentiation of passing in the same

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Ďepartment	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature of employment Regular/permanent or	Details of Service)	Year	Number of lectures taken/year. Topics	Name of Lecture Topics
-	Tivite i tumber		contract/outsourced	Institution	Designation	From	То		covered	COT Market and and
H			~							SGT: Menstrual cycle SGT: Mastication & Deglutition
									(A)	SGT: Mastication & Degitition SGT: Gastric secretion & Gastric Emptying
								2017	31	Transport across the cell membrane- I
								2017	31	Transport across the cell membrane-II
										Nerve supply of Heart & Heart rate- I
	¥									Heart rate- II
										Diffusion of gases
										Acclimatization to high altitude
										Aviation and space physiology-I
										Aviation and space physiology-II
										Synapse-I
										Synapse-II
										Thalamus
										Prefrontal lobe & speech
										EEG
										Ear – II
								1		Ear – III
										Male reproductive system I
			/							Male reproductive system II
										Physiology of lactation
										SGT: Cardiac cycle
										SGT: Circulatory Shock
										SGT: Regulation of respiration
										SGT – Synapse
										SGT - Ascending tracts
									2	SGT – Physiology of pain
										SGT: Visual pathway & its lesions
										Flip Teaching: Growth hormone
										Flip Teaching: Biosynthesis & regulation of thyroid hormone
										Flip Teaching: Glucocorticoids
										Flip Teaching: Menstrual cycle
								1		Flip Teaching: Spermatogenesis
										Flip Teaching: Lactation
								2018	26	Homeostasis
										Classification of muscle & structure of skeletal muscle
									1	Pulmonary circulation Chemical regulation of respiration
										Structure & Functions of kidney
		m ()								Concentration & dilution of urine - I
		1-11								
										Concentration & dilution of urine – II Thyroid gland - I
		101							1	Thyroid gland - II
		///								Synapse- I
		2	L///							Synapse- II
										Pyramidal tract (Descending tract - I)
										Vestibular apparatus - I
		DEX	ANN /							Vestibular apparatus - II
		Dr D Y Patil Ma	dical College							Prefrontal lobe & speech
		Dr. D. Y. Patil Me	X 44040					ı	1 2	
		Pimpri, Pupa	e + 411018.							
			V							
			•)							

Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature of employment Regular/permanent or		vice in the Last 5 years			Year	Number of lectures taken/year. Topics	Name of Lecture Topics
			contract/outsourced	Institution	Designation	From	То		covered	
_										Physiology of Lactation
										SGT: Regulation of respiration
										Flip teaching: Thyroid hormone synthesis & regulation
										Flip teaching: Gastric secretion SGT: Mechanics of respiration
										SGT: Menstrual cycle
		9					*			SGT: Physiology of pregnancy
										SGT: Optic tract & effect of lesion at various level/ Mechanism of hearing
						×				SGT: Cerebellum
										Problem solving classes: CNS & SS
										Problem solving classes: Endo, Reproduction, Blood, Temperature Regulation
								2019	22	Homeostasis
										Molecular basis of muscle contraction – I
										Molecular basis of muscle contraction – II
					,					Circulatory shock
										Hypoxia, Periodic breathing, Cyanosis & Dyspnoea
										Deep sea physiology
			_							Nutrition – I
							-			Nutrition – II
										Flip Teaching: Micturition reflex & its disorders (SDL)
										Concentration & dilution of urine – I
										Concentration & dilution of urine – II
										Ascending tracts
		/								Thalamus
										Sleep & wakefulness
										Learning & memory Menstrual cycle - II (Uterine changes, hormonal control & disorders of
										menstrual cycle)
										Physiology of Lactation
										Cerebral dominance
										Ascending tract
										Tutorial: Sleep & wakefulness
										SGT: Learning & memory
										SGT: Molecular basis of muscle contraction
								2020		Haemostasis-I
										Haemostasis-II
							. 1			Molecular basis of muscle contraction I
							,			Molecular basis of muscle contraction-II
		100								Pulmonary Circulation
										Diffusion of Gases
		70								Transport of O ₂
			2//							Liver, Bile & Gall bladder
		DEW								Micturition reflex & its disorders
		Dr. D. V. Patil Mar	College	9						Posterior Pituitary gland & its disorders
		Dr. D. Y. Patil Med Pimpri, Pune	intell College,							Sensory receptor
		Pimpri, Pune	4 411018.							Thalamus
										cerebellum -I
			V							cerebellum -II
										ANS-I

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Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature of employment Regular/permanent	Details of Service	e in the Last 5 yea	rs)	Year	Number of lectures taken/year. Topics	Name of Lecture Topics
			contract/outsourced	Institution	Designation	From	То		covered	
_	Language and the second						<u> </u>			ANS-II
										Menstrual cycle - I (Ovarian chages& hormonal control)
,										Menstrual cycle - II (Uterine chenges, hormonal control & disorders of
										menstrual cycle)
										SDL on Basal ganglia, caudate & Putamen circuit, Functions of basal ganglia,
										Parkinsons disease
										SDL on Physiology of pain
										SDL on Neurophysiology of vision
			·							SDL on Muscle tone
	Dr. Sood R.S.	Professor		Dr.D.Y.Patil Medical College,Pune		01-11-13	31-12-16	2016	52	Origin & spread of cardiac impulse
	MBBS, MD	01-01-17		Dr.D.Y.Patil Medical College,Pune	Professor	01-01-17	till date			Homeostasis
	59601							1		Blood group
										Resting membrane potential
										Nerve supply of heart & heart rate – I
										Heart rate – II
										Tissue fluid formation – I
										Tissue fluid formation – II
										Introduction to Respiratory System
										Diffusion of gases
										Ascending tract – I
								1		Ascending tract – II Cerebellum - I
										Cerebellum - II
										Accommodation & visual reflexes
										Salivary secretion
										Mastication & Deglutition
										Mechanism & Regulation of gastric secretion
										Regulation & applied aspects of gastric secretion
										Movements & functions of small intestine – I
										Movements & functions of small intestine – II
										Problem solving: Gastrointestinal System
										Indian ethos & tradition
										Role of family & society in bioethics
										Tissue fluid formation, Regional circulation
										Spinal cord & its lesions, Brown Sequard Syndrome
										Cerebellum & Vestibular apparatus
										GFR, Factors affecting GFR, Tubular functions, Concentration & dilution of
								1		SGT: Transport across cell membrane
										GT: Resting membrane potential & Action potential
		\								SGT: Neuro muscular junction
			101							SGT: Ionic basis of muscle contraction
			1.(1/2)							SGT: Immunity
			14///							SGT: Cardiac cycle
										SGT: Heart rate
			D#XXX							SGT: Blood pressure
		Dr. D. Y. Pat	il Medical Colle Pune -\411018.							SGT: Cardiac output SGT: Shock
1		Dim	eardal Coll	ege,						GT: Coronary circulation
		rımprı,	rune -\4/11018					i	I	OT. Coronary circulation

Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature of employment Regular/permanent or	Details of Service			T-	Year	Number of lectures taken/year. Topics	Name of Lecture Topics
			contract/outsourced	Institution	Designation	From	То		covered	
										SGT: Pulmonary circulation
										SGT: Mechanics of respiration
										GT: Diffusion & transport of gases SGT: Regulation of respiration
										SGT: Cerebellum
						9				SGT: Descending tract
						5				SGT: Neurophysiology of vision
										SGT: Anterior Pituitary gland
										SGT: Adrenal cortex
										SGT: Sex determination, sex differentiation & puberty in male & female
										SGT: Menstrual cycle
										SGT: Mastication & Deglutition
										SGT: Gastric secretion & Gastric Emptying
								2017	31	Immunity - I
										Immunity - II
			_							Blood Pressure I
										Blood Pressure II
										Chemical regulation of respiration
										Hypoxia, Periodic breathing, Dyspnoea & Cyanosis
										Regulation of blood volume
		/								Ascending tract – I
										Ascending tract – II
										Reticular formation & ARAS
										Sleep & wakefulness
										Ethics- Role of Family and society in Bioethics
										Colour vision
										Ear – I
	/									Regulation & applied aspects of gastric secretion Secretion & functions of small intestine
										Thyroid gland - II
										Thyroid gland - III (disorders &thyroid function tests)
										Problem solving
										SGT: Cardiac cycle
									541	SGT: Circulatory Shock
										SGT: Regulation of respiration
										SGT – Synapse
										SGT - Ascending tracts
									-	SGT – Physiology of pain
										SGT: Visual pathway & its lesions
		6								Flip Teaching: Growth hormone
										Flip Teaching: Biosynthesis & regulation of thyroid hormone
		\ \								Flip Teaching: Glucocorticoids
		W.								Flip Teaching: Menstrual cycle
		//						1		Flip Teaching: Spermatogenesis
										Flip Teaching: Lactation
		86	No.					2018	27	Structure & functions of cell membrane
		D. B. V. B. I.						1		Indian ethos & tradition
		Dr. D. Y. Patil	Medical College	,						Immunity – I
		Pimpri. P.	Medical College une 411018.					l		Immunity – II
		, , ,								
			\ \							

Department	Name of Faculty Ouilification	Current Designation &	Nature of employment Regular/permanent	Details of Ser	vice in the Last 5 year	rs		Year	Number of lectures taken/year.	Name of Lecture Topics
-	IMR Number	Date of Promotion	or	Institution	Designation	From	То		Topics covered	
- ,			contract/outsourced						Covered	Tissue fluid formation - I
										Tissue fluid formation - II
										Hypoxia, Periodic breathing, Cyanosis & Dyspnoea
										Ascending tract – I
										Cardio respiratory changes during exercise
										Micturition reflex & its disorders
										Endocrine pancreas - I
										Endocrine pancreas - II
										Liver, Bile & Gall bladder
										Cerebral cortex - I
										Cerebral cortex – II
										Intestinal secretion
										Accommodation & visual reflexes (Eye - IV)
										Lesions of Spinal Cord
										SGT: Blood Pressure
										Flip teaching: Gastric secretion
										SGT: Mechanics of respiration
										SGT: Menstrual cycle
		_								SGT: Physiology of pregnancy SGT: Optic tract & effect of lesion at various level/ Mechanism of hearing
										SGT: Cerebellum
										Problem solving classes: CNS & SS
										Problem solving classes: Endo, Reproduction, Blood, Temperature Regulation
								2019	25	Introduction to Physiology
								2019	23	Cell & cell organelles, organization of cell, intercellular communication
										Resting membrane potential
										Haemodynamics – I
									1	Haemodynamics – II
										ECE Physiology - ECG
										Introduction to respiratory system
								1		Gastric juice secretion - I
										Gastric juice secretion - II
										Flip Teaching: Micturition reflex & its disorders (SDL)
										SGT: Regulation of respiration
										Flip Teaching: Calcium Homeostasis (SDL)
									1	Introduction to Endocrinology & Mechanisms of Hormone action
										Posterior Pituitary gland & its disorders
		P								Cerebellum – I
		\ 1								Cerebellum – II
		,								Regulation of body Temperature
		$\mathcal{M}_{\mathcal{I}}$	1/							CSF & Blood Brain Barrier And concept of brain death
		/(/								Physiology of puberty (male & female) Ethics- VII Doctor Patient relationship - Medical ethics - doctor - patient
		A								relationship (Autonomy, Vulnerability & Equality)
		ng	W//					(*)		Cerebellum
		n-n-vous	10.11							Resting membrane potential
		Dr. D. Y. Patil N	dela cal College,							Tutorial: Gastric secretion
		Pimpri, Pu	ne 411018.							SGT: Posterior pituitary gland
		2 333 [25,17]	ne-411018.							Tutorial: CSF & Blood Brain Barrier And concept of brain death
			/./							Tambina and the property of the control of the cont
			V							

Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature of employment Regular/permanent or contract/outsourced	Details of Service Institution	in the Last 5 yea	From	То	Year	Number of lectures taken/year. Topics covered	Name of Lecture Topics
								2020	26	Cell & cell organelles, organization of cell , intercellular communication Immunity — I Immunity — II Origin & spread of cardiac impulse Heart rate — I Heart rate — II Transport of CO ₂ Exocrine pancreas Gut Brain Axis Introduction to Endocrinology & Mechanisms of Hormone action Calcium Homeostasis — I (PTH) Calcium Homeostasis — II (Vit. D) Cerebral cortex — II Reticular formation & ARAS Physiology of puberty (male & female) Male reproductive system — II (Spermatogenesis & its control) & Male reproductive system — III (Applied aspects of male reproductive system) Pineal gland & circadian rhythm SDL on Regulation of respiration SDL — Thyroid hormone-Synthesis & physiological action SDL on Basal ganglia, caudate & Putamen circuit, Functions of basal ganglia, Parkinsons disease SDL on Physiology of vision SDL on Reflex action SDL on Reflex action SDL on Posture
	Dr. Neelam Bala Prasad MSc, PhD	Professor 01-10-17		Dr.D.Y.Patil Medical College,Pune Dr.D.Y.Patil Medical College,Pune	Asso.Prof Professor	01-05-13	30-09-17 till date	2016	45	Blood group – II Blood pressure – I Blood pressure – II Introduction to Excretory system Counter current mechanism Organization of spinal cord Pain I Hypothalamus- I Hypothalamus – II ANS – II Ear – II Ear – II Ear – III Endocrine pancreas Menstrual cycle I Menstrual cycle II

Department	Name of Faculty Quilification	Current Designation & Date of Promotion	Nature of employment Regular/permanent	Details of Serv	vice in the Last 5 year			Year	Number of lectures taken/year. Topics	Name of Lecture Topics
**	IMR Number		or contract/outsourced	Institution	Designation	From	То		covered	· · · · · · · · · · · · · · · · · · ·
										Problem solving: Excretory System
										Haemodynamics, blood pressure, heart rate.
										Transport of gases
										SGT: Transport across cell membrane
										SGT: Resting membrane potential & Action potential
										SGT: Neuro muscular junction
										SGT: Ionic basis of muscle contraction
										SGT: Immunity
										SGT: Cardiac cycle
										SGT: Heart rate
										SGT: Blood pressure
										SGT: Cardiac output
										SGT: Shock
										SGT: Coronary circulation
										SGT: Pulmonary circulation
			/							SGT: Mechanics of respiration
										SGT: Diffusion & transport of gases
								1		SGT: Regulation of respiration
										SGT: Cerebellum
										SGT: Descending tract
										SGT: Neurophysiology of vision
										SGT: Anterior Pituitary gland
										SGT: Adrenal cortex
										SGT: Sex determination, sex differentiation & puberty in male & female
										SGT: Menstrual cycle
										SGT: Mastication & Deglutition
										SGT: Gastric secretion & Gastric Emptying
								2017	31	RBC – I
										RBC - II
										Indian ethos & tradition
										Classification of muscle & structure of skeletal muscle
									1	ECG
										Transport of CO ₂
										Receptor-I
										Receptor-II
		•								Cerebral cortex I
		/ /							1	Cerebral cortex II
										Hypothalamus-I
		1 24								Hypothalamus-II
		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\								Neurophysiology of Vision - I
										Neurophysiology of Vision - II
		M	5///							Movements of small intestine & applied
		1//							1	Mechanisms of hormone action
		DE	PAN .							Adrenal cortex – I (Glucocorticoid)
		Dr. D. Y Patil Mik	adical O-W							Problem solving: Endocrine / Reproduction.
		D' alli Mi	ruicai College,							Problem solving
		Pimpri, Pun	e - 411018							SGT: Cardiac cycle
		Dr. D. Y. Patil M Pimpri, Pun	//							SGT: Circulatory Shock
										SGT: Regulation of respiration
			V					1	1	000

Department	Name of Faculty Quilification	Current Designation &	Nature of employment Regular/permanent	Details of Serv	ice in the Last 5 years)	Year	Number of lectures taken/year.	Name of Lecture Topics
Бератинен	IMR Number	Date of Promotion	or contract/outsourced	Institution	Designation	From	То		Topics covered	
			contractionation							SGT – Synapse
								1		SGT - Ascending tracts
										SGT – Physiology of pain
										SGT: Visual pathway & its lesions
										Flip Teaching: Growth hormone
										Flip Teaching: Biosynthesis & regulation of thyroid hormone
										Flip Teaching: Glucocorticoids
										Flip Teaching: Menstrual cycle
										Flip Teaching: Spermatogenesis
										Flip Teaching: Lactation
								2018	28	Transport across the cell membrane (Active transport - I)
										Transport across the cell membrane (Active transport - II)
										Action potential – I
										Action potential – II
										Molecular basis of muscle contraction - I
										Molecular basis of muscle contraction - II
										Renal circulation
								1		Urine formation I
								1		Urine formation - II
										Introduction to endocrinology & Mechanisms of hormone action
										Gastric juice secretion - I
										Gastric juice secretion - II
										Ear – II
										Ear – III
										Limbic system
										Reflex action – I
										Reflex action – II
										Ethics- Role of Family and society in Bioethics
			~							SGT: Regulation of respiration
				*						Flip teaching: Thyroid hormone synthesis & regulation
								1	1	SGT: Blood Pressure
									1	SGT: Mechanics of respiration
			C							SGT: Menstrual cycle
				/						SGT: Physiology of pregnancy SGT: Optic tract & effect of lesion at various level/ Mechanism of hearing
			/ //						1	SOT: Optic tract & effect of lesion at various level/ internation of hearing
								1		SGT: Cerebellum Problem solving classes: CNS & SS
			11/13							Problem solving classes: CNS & SS Problem solving classes: Endo, Reproduction, Blood, Temperature Regulation
			11/1						 	
			D. C.					2019	14	Action potential – I
			PEXX							Action potential – II
		n. n	V Path Midical	College,						Origin & spread of cardiac impulse
		טו. ט.	AAA	048						ECG
		P	Y. Patk Madical impri, Pube - 411	U 10.						ECE Physiology Blood Bank Diffusion of Gases
			X \							
										Transport of CO2 ECE Physiology Peptic ulcer disease
									1	
			V					-		Renal circulation Tubular processing (Urine formation III)
								1.	1	SGT: Cardiac cycle
									1	SG1. Cardiac cycle

Department	Name of Faculty Quilification	Current Designation & Date of Promotion	Nature of employment Regular/permanent	Details of Servi	ce in the Last 5 yea	rs)	Year	Number of lectures taken/year. Topics	Name of Lecture Topics
•	IMR Number	Date of Fromotion	or contract/outsourced	Institution	Designation	From	То		covered	
*			contract/outsourceu							Urine formation - IV
62										Ear – I
									147	Ear – II
6	Dr. Prashant Khuje	Professor	Regular	Dr.D.Y.Patil Medical College,Pune	Asso.Prof	01-06-14	31-05-18	2016	49	Haemostasis
O	MBBS, MD	01-06-18		Dr.D.Y.Patil Medical College,Pune	Professor	01-06-18	till date			Haemostasis – I
	2000020893									Haemostasis – II RBC
		-								Immunity
										Properties of skeletal muscle
										ECG
										Hypoxia, Periodic breathing, Dyspnoea & Cyanosis
										Reflex action I
										Reflex action –II
										Cerebral cortex
										Prefrontal lobe & speech
									1	Limbic system
										Introduction to endocrinology & mechanisms of hormone action
										Posterior Pituitary gland
										Disorders of pituitary gland
										Adrenal cortex – I
										Adrenal cortex – II
										Adrenal cortex – III (Disorders)
										Male reproductive system I
										Male reproductive system II
										Movements & functions of large intestine
										Problem solving: Endocrinology & Reproductive system
										Erythropoiesis, Immunity blood groups, hemostasis.
										Ascending tracts & Descending tracts
										Mechanism of hormone action, Anterior pituitary gland, Posterior pituit
										gland, Adrenal cortex, endocrine pancreas
									1	SGT: Transport across cell membrane
										SGT: Resting membrane potential & Action potential
		,								SGT: Neuro muscular junction
										SGT: Ionic basis of muscle contraction
										SGT: Immunity
										SGT: Cardiac cycle
		1								SGT: Heart rate
										SGT: Blood pressure
		\								SGT: Cardiac output
	-		~ + 10						1	SGT: Shock
			(I) W)/							SGT: Coronary circulation
			11/1							SGT: Pulmonary circulation
										SGT: Mechanics of respiration
			LAND							SGT: Diffusion & transport of gases
		Dr. D. Y Pa	the Madical Cal	lana.						SGT: Regulation of respiration
			an inchical Col	iege,			,			SGT: Cerebellum
		Pimpri,	Pune - 411018							SGT: Descending tract
		Pimpri,	DEAN IN Medical Col Pune - 411018	3.						SGT: Descending tract SGT: Neurophysiology of vision SGT: Anterior Pituitary gland

		<u></u>	Nature of)		Number of lectures	
Department	Name of Faculty Quilification	Current Designation & Date of Promotion	employment Regular/permanent or		e in the Last 5 years			Year	taken/year. Topics	Name of Lecture Topics
	IMR Number		contract/outsourced	Institution	Designation	From	То		covered	
- •			contract outside in							SGT: Adrenal cortex
										SGT: Sex determination, sex differentiation & puberty in male & female
										SGT: Menstrual cycle
										SGT: Mastication & Deglutition
										SGT: Gastric secretion & Gastric Emptying
						· ·		2017	31	Haemostasis – I
										Haemostasis – II
										Cardiac cycle I
										Cardiac cycle II
										Cardiac output I
										Cardiac output II Urine formation III (Counter current mechanism)
										Introduction to Nervous System (CNS)
									1	Physiology of nerves
										Organization of spinal cord
										Vestibular apparatus I
										Vestibular apparatus II
										Introduction to endocrinology
								1		Posterior pituitary gland
										Menstrual cycle I
										Menstrual cycle II
										Nutrition I
										Nutrition II
										Problem solving
										SGT: Cardiac cycle
										SGT: Circulatory Shock
										SGT: Regulation of respiration
										SGT – Synapse
										SGT - Ascending tracts
										SGT – Physiology of pain
	/									SGT: Visual pathway & its lesions
	(s.								Flip Teaching: Growth hormone
									4	Flip Teaching: Biosynthesis & regulation of thyroid hormone
								-		Flip Teaching: Glucocorticoids
										Flip Teaching: Menstrual cycle
			0							Flip Teaching: Spermatogenesis
		\	1 /						1 25	Flip Teaching: Lactation Reticuloendothelial system
			MIST					2018	27	
										WBC Properties of skeletal muscle
									1	Cardiac output I
			DEAN							Cardiac output I
		Dr D V I	Pat Modical Collegri, Pune - 411018.	ane.						Aviation and space physiology - I
		UI. U. T. F	aspinguical Colle	ye,						Aviation and space physiology - II
		Pimp	ri, Pane \ 411018.							Urine formation - III
										Problem solving class
			\ \							Physiology of nerve
				7						Thalamus
			V							Extra pyramidal tracts
								1		

									-	
Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature of employment Regular/permanent or		e in the Last 5 year	From	То	Year	Number of lectures taken/year. Topics covered	Name of Lecture Topics
4			contract/outsourced	Institution	Designation	From	10		covered	(Descending tract - II)
										Hypothalamus - I
										Hypothalamus - II
										ANS - I
										ANS - II
										Thyroid gland - III(Disorders)
										SGT: Regulation of respiration
					^					Flip teaching: Thyroid hormone synthesis & regulation
										Flip teaching: Gastric secretion
									1	SGT: Mechanics of respiration
										SGT: Mechanics of respiration
										SGT: Menstrual cycle
										SGT: Physiology of pregnancy SGT: Optic tract & effect of lesion at various level/ Mechanism of hearing
										SGT: Optic tract & effect of lesion at various level/ recentament of neurons
				. /						SGT: Cerebellum Problem solving classes: CNS & SS
										Problem solving classes. CN3 & 33 Problem solving classes: Endo, Reproduction, Blood, Temperature Regulation
										Haemostasis – I
								2019	25	Haemostasis – I
										Properties of skeletal muscle
										Cardiac output - I Cardiac output - II
			/							Gradation of muscular activity and cardio respiratory changes during exercise
										ECE Physiology: Evaluation of milestones & respiratory distress syndrome in
										neonates
									1	Intestinal secretion
										Movements of intestine
										Flip Teaching: Micturition reflex & its disorders (SDL)
										SGT: Regulation of respiration
										SGT: Regulation of respiration
										Flip Teaching: Calcium Homeostasis (SDL)
										Regulation of Blood Volume & acid base balance
										Reflex action
										Cerebral cortex
									1	EEG
										Hymothalamus
									-	Male reproductive system – I (Physiological anatomy, male sex hormones &
				×					1	functions)
		1 0								Male reproductive system – II (Spermatogenesis & its control)
										Reflex action
										Tutorial: Physiology of hearing
		M	1 / /							SGT: Cardiac output
								1		Tutorial: Endocrine pancreas
			\forall / /							SGT: Cerebral cortex
		na						2020	22	RBC – I
			A					=====		RBC – II
		Dr. D. Y. Patil N	Apacal College	,						Cardiac output - I
		Dr. D. Y. Patil N Pimpri, Pur	e-411018.							Cardiac output - II
		i ilipit, i w	714						1	Hypoxia, Periodic breathing, Cyanosis & Dyspnoea
										Gradation of muscular activity and cardio respiratory changes during exercise
			11							

					7					
Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nat of employment Regular/permanent or		ice in the Last 5 year	1	То	Year	Number of lectures taken/year. Topics covered	OX -4 Tarrier
7	NAK (VIIIIDE)		contract/outsourced	Institution	Designation	From			covered	Acclimatization to high altitude Nutrition – I Nutrition – II Introduction to Nervous System (CNS) Organization of spinal cord Posture Prefrontal lobe & speech Ear – I (Functional anatomy of ear, Impedance matching, Attenuation reflex)
										Ear – I (Functional anatomy of ear, Impedative Modern Science of Control and Science of Con
7	Dr. Jadhav Sugata S. MBBS, MD 64696	Associate Professor 14-09-15	Regular	Dr.D.Y.Patil Medical College,Pune	Asso.Prof	15-09-15	till date	2016	46	Immunity — I Immunity — II Cardiac cycle — I Cardiac cycle — II Mechanics of respiration I Mechanics of respiration II Synapse-I Synapse-II Cerebral circulation Pyramidal tract (Descending tracts I))
										Extrapyramidal tract (Descending tracts II) Thyroid gland - II Thyroid gland - III (disorders & thyroid function tests) Physiology of pregnancy - I Physiology of pregnancy - II Physiology of Lactation Nutrition- I Nutrition- II Problem solving: Respiratory system
		Dr. D. Y. Patil W Pimpri, Pux	No.	θ,						Neuro - muscular junction, abnormalities, Ionic basis of muscle contraction Temperature Regulation, Acclimatization to high altitude SGT: Transport across cell membrane SGT: Resting membrane potential & Action potential SGT: Neuro muscular junction SGT: Ionic basis of muscle contraction SGT: Immunity SGT: Cardiac cycle SGT: Heart rate SGT: Blood pressure

						7.				
Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature of employment Regular/permanent or		ice in the Last 5 year			Year	Number of lectures taken/year. Topics	Name of Lecture Topics
×			contract/outsourced	Institution	Designation	From	То		covered	
_										SGT: Cardiac output
								,		SGT: Shock
										SGT: Coronary circulation
										SGT: Pulmonary circulation
								×	1	SGT: Mechanics of respiration
							N.			S GT: Diffusion & transport of gases.
									1	SGT: Regulation of respiration
										SGT: Cerebellum
										SGT: Descending tract
										SGT: Neurophysiology of vision
										SGT: Anterior Pituitary gland
										SGT: Adrenal cortex SGT: Sex determination, sex differentiation & puberty in male & female
										SGT: Menstrual cycle
,										SGT: Mastication & Deglutition
										SGT: Gastric secretion & Gastric Emptying
								2017	32	Homeostasis
										Resting membrane potential
									-	Molecular basis of muscle contraction- I
										Molecular basis of muscle contraction- II
										Coronary circulation
									1	Transport of O ₂
								1		Cardio respiratory changes during exercise
										Cerebral circulation
										Pain – I
										Pain – II
									1	Extra pyramidal tract Muscle Tone – I
										Muscle Tone – II
										Learning & memory – I
		(Learning & memory – II
										Liver, Bile & Gall bladder
										Defecation
								1		Adrenal cortex – II (Mineralo corticoid & Regulation)
									1	Problem solving: Cardiovascular system / Respiratory system
		1							1	Problem solving
		1								SGT: Cardiac cycle
										SGT: Circulatory Shock
										SGT: Regulation of respiration
		/*								SGT - Synapse
									1	SGT - Ascending tracts
		D								SGT – Physiology of pain
		Dr D V Datil	X							SGT: Visual pathway & its lesions
		wi. D. I. Falli	may car College,							Flip Teaching: Growth hormone
		Pimpri, P	une - 411018.							Flip Teaching: Biosynthesis & regulation of thyroid hormone
		.) (1							Flip Teaching: Glucocorticoids
			\\							Flip Teaching: Menstrual cycle
			Cure - #11018.							Flip Teaching: Spermatogenesis
			1						1	Flip Teaching: Lactation

2 Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Na e of employment Regular/permanent		rvice in the Last 5 year		4	Year	Number of lectures taken/year. Topics	Name of Lecture Topics
	IMIK Number		contract/outsourced	Institution	Designation	From	То		covered	Composition & functions of blood
								2018	30	Composition & functions of blood
										Functions of plasma proteins
										RBC - I
								1		RBC-II
										Heart rate – I (Innervation of heart)
										Heart rate – II
										Haemodynamics – I
										Haemodynamics – II
										Transport of O ₂
										Regulation of blood volume
										Calcium Homeostasis
										Introduction to Nervous System (CNS)
										Sensory Receptor- I
										Sensory Receptor- II
										Reticular formation & ARAS
										Sleep & wakefulness
										Learning & memory – I
										Learning & memory – II
										Problem solving classes: CVS, RS & Excretory
										SGT: Regulation of respiration
										Flip teaching: Thyroid hormone synthesis & regulation
										Flip teaching: Gastric secretion
								1		SGT: Mechanics of respiration
										SGT: Menstrual cycle
										SGT: Physiology of pregnancy
		_								SGT: Optic tract & effect of lesion at various level/ Mechanism of hearing
										Problem solving classes: CVS, RS & Excretory
										SGT: Cerebellum
		_								Problem solving classes: CNS & SS
										Problem solving classes: Endo, Reproduction, Blood, Temperature Regulation
								2019	17	Classification of muscle & structure of skeletal muscle
										Cardiac Cycle – I
									1	Cardiac Cycle – II
									1	Heart rate – I
										Heart rate – I
		1	^							Ethics- I What does it mean by a patient: RIGHTS OF A PATIENT
		1	()							ECE Physiology - ECG
										GIT hormones
										ECE Physiology- Evaluation of physical fitness & exercise physiology
			11111							Flip Teaching: Micturition reflex & its disorders (SDL)
										SGT: Regulation of respiration
			11/							Flip Teaching: Calcium Homeostasis (SDL)
			DHAX							Thyroid gland - I
		Dr. D. Y. Pat Pimpri, I	1 0 9							(Hormones of thyroid gland, synthesis, release, transport & mechanism of
		o. I. Par	" My Cycal Collec	TA :						Thyroid gland - II (Physiological actions)
		Pimpri. I	Pund - VIII	16 ,						Thyroid gland - III (Regulation & disorders)
) .								Pain – I
										Pain – II
į.										ANS – I
			V						•	

Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature of employment Regular/permanent or contract/outsourced	Details of Service	in the Last 5 year	rs	То	Year	Number of lectures taken/year. Topics covered	Name of Lecture Topics
			Contractoursourced			;			00,000	ANS – II Physiology of ageing and apoptosis Introduction to Reproductive system, Sex determination & differentiation Physiology of contraception Pain SGT: Coronary circulation Tutorial: Thyroid gland SGT: Cardiac cycle
								2020	23	SGT: GIT hormone Composition & functions of blood Reticuloendothelial system Properties of skeletal muscle Introduction to respiratory system Deep sea physiology & decompression sickness Gastric juice secretion - I Gastric juice secretion - II Intestinal secretion + Smooth muscle Concept of multiunit & single unit Mechanism of contraction Latch mechanism GIT hormones Ethics: What does it mean by a patient- Rights of patient Physiology of Pain - I Physiology of Pain - II Vestibular apparatus Learning & memory - I Learning & memory - II Introduction to Reproductive system, Sex determination & differentiation AETCOM: What does it mean to be a patient- Beliefs and customs indifferent faiths of patients SDL on Regulation of respiration SDL - Thyroid hormone-Synthesis & physiological action SDL on Basal ganglia, caudate & Putamen circuit, Functions of basal ganglia, Parkinsons disease SDL on Physiology of pain SDL on Neurophysiology of vision SDL on Posture
8	MBBS, MD 2005042533	Dr. D. Y. Pativier Pimpri, Pune		Dr.D.Y.Patil Medical College,Pune Dr.D.Y.Patil Medical College,Pune	Asst.Prof Asso.Prof	10-06-13 01-02-18	31-01-18 till date	2016	31	Molecular basis of muscle contraction – I Molecular basis of muscle contraction – II Coronary circulation Neural regulation of respiration Chemical regulation of respiration Photochemistry of vision SGT: Transport across cell membrane SGT: Resting membrane potential & Action potential SGT: Neuro muscular junction SGT: Ionic basis of muscle contraction SGT: Immunity SGT: Cardiac cycle SGT: Heart rate

Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Natural employment Regular/permanent or contract/outsourced	Details of Servic	ce in the Last 5 year	From	To	Year	Number of lectures taken/year. Topics covered	Name of Lecture Topics
-			contract/outsourceu							SGT: Blood pressure
										SGT: Cardiac output
										SGT: Shock
										SGT: Coronary circulation
										SGT: Pulmonary circulation
			1							SGT: Mechanics of respiration
										SGT: Diffusion & transport of gases
										SGT: Regulation of respiration
										SGT: Cerebellum
										SGT: Descending tract
										SGT: Neurophysiology of vision
										SGT: Anterior Pituitary gland
										SGT: Adrenal cortex
										SGT: Sex determination, sex differentiation & puberty in male & female
										SGT: Menstrual cycle
										SGT: Mastication & Deglutition
										SGT: Gastric secretion & Gastric Emptying
										Quiz on Endocrine & Reproductive system
			,					2017	20	WBC
										Physiology of blood vessels
										Introduction to respiratory system
										Anterior Pituitary gland - I Anterior Pituitary gland - II(Growth Hormone)
										Adrenal cortex – III (Disorders)
										Problem solving
										SGT: Cardiac cycle
										SGT: Circulatory Shock
										SGT: Regulation of respiration
										SGT – Synapse
										SGT - Ascending tracts
								1		SGT – Physiology of pain
										SGT: Visual pathway & its lesions
										Flip Teaching: Growth hormone
	,									Flip Teaching: Biosynthesis & regulation of thyroid hormone
								1		Flip Teaching: Glucocorticoids
										Flip Teaching: Menstrual cycle
		1	Λ					1		Flip Teaching: Spermatogenesis
		•								Flip Teaching: Lactation
								2018	27	RBC I – Structure, morphology & functions
		V	100							RBC II – Erythropoiesis, ESR & PCV
		/								Blood group – I
		· ·							1	Blood group – II
		п	AF AF NI							Coronary circulation
		L	The same							Circulatory shock
		Dr. D. Y. Patil	Medical College	19				1		Tissue fluid formation - II
		Dimnri C	Medical College une - 411018.							Introduction to respiratory system
		Limbility	Air Contract							Acclimatization to high altitude Anterior Pituitary gland – I (functional anatomy, Hypothalamic control of
								1	1	anterior pituitary)
			•/							

Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature of employment Regular/permanent or contract/outsourced	Details of Ser	vice in the Last 5 year	s From	То	Year	Number of lectures taken/year. Topics covered	Name of Lecture Topics
-			contractoutsourceu						Covered	Adrenal cortex – III (Disorders)
										Introduction to gastrointestinal system (Including splanchnic circulation)
										Cerebral Circulation
										Cerebellum – I
										Cerebellum – II
										Neurophysiology of Vision I (Eye V)
				*						Neurophysiology of Vision II (Eye VI)
										Regulation of body Temperature
					_	7				CSF & Blood Brain Barrier
										SGT: Regulation of respiration
										SGT: Mechanics of respiration
										SGT: Mechanics of respiration
										SGT: Physiology of pregnancy
								1		SGT: Physiology of pregnancy SGT: Optic tract & effect of lesion at various level/ Mechanism of hearing
										SGT: Optic tract & effect of festorial various level/ Mechanism of feating
										Problem solving classes: CNS & SS
										Problem solving classes: CNS & SS Problem solving classes: Endo, Reproduction, Blood, Temperature Regulation
								2019	23	Transport across the cell membrane –I
								2019	23	Transport across the cell membrane –II
										Tissue fluid formation - I
										Tissue fluid formation - II
										Transport of O2
										Introduction to gastrointestinal system (Including splanchnic circulation)
										Liver, Bile & Gall bladder
										Flip Teaching: Micturition reflex & its disorders (SDL)
										SGT: Regulation of respiration
										SGT: Cardiac cycle
										Flip Teaching: Calcium Homeostasis (SDL)
										Physiology of nerve
										Sensory Receptor
										Photochemistry of vision
										Ear – III
										Adrenal cortex – II (mineralo corticoid & its disorders)
		A	\wedge							Lesions of Spinal Cord
)/								Ethics –VIII Doctor Patient relationship: Shared Responsibilities
										Calcium Homeostasis - I (PTH)
		\								Calcium Homeostasis - II (Vit. D)
										SGT: Transport of gases
			h							Tutorial: Lesions of spinal cord
		grap	AX							Student webinar on synapse
		i.	1787					2020		Transport across the cell membrane – I
		Dr. D. Y. Patil	Meetical College					2020		Transport across the cell membrane – II
		Dimer' r	The conege,							Blood Pressure – I
		riniph, R	unt - #11018.							Blood Pressure - II
			Micelical College,							Introduction to gastrointestinal system (Including splanchnic circulation)
			4							Anterior Pituitary gland – II (Growth hormone)
										Thyroid gland - I
										(Hormones of thyroid gland, synthesis, release, transport & mechanism of
								l	1	action)

Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature o. employment Regular/permanent or	Details of Service	in the Last 5 yea	rs	То	Year	Number of lectures taken/year. Topics	Name of Lecture Topics
			contract/outsourced	Institution	Designation	FIUII	10		covered	
								- '		Thyroid gland - II
									-	(Physiological actions)
										Thyroid gland - III
										(Regulation & disorders) Extra Pyramidal tract (Descending tract - II)
										Regulation of body. Temperature
									2	Neurophysiology of Vision - I
								Lita III		Neurophysiology of Vision - I
										Accommodation & visual reflexes
										Female sex hormones
										Physiology of Lactation
										SDL on Regulation of respiration SDL – Thyroid hormone-Synthesis & physiological action
										SDL – Inyroid normone-Synthesis & physiological action SDL on Basal ganglia, caudate & Putamen circuit, Functions of basal ganglia,
										Parkinsons disease SDL on Physiology of pain
		_								
										SDL on Neurophysiology of vision
										SDL on Reflex action
										SDL on Muscle tone
			·				1			SDL on Posture
			1							
		1	D 1	D DVD CIVE I LOU	1 D . C	06.00.12	21.02.10	2016	22	Reticuloendothelial system
9	Dr. Sheetal Salvi			Dr.D.Y.Patil Medical College,Pune		06-09-13	31-03-18	2016	32	Neuro muscular junction
	MBBS, MD	01-04-18		Dr.D.Y.Patil Medical College,Pune	Asso.Prof	01-04-18	tiii date			Circulatory Shock
	2004052270	1								Acclimatization to high altitude
										Micturition reflex & its disorders
										Micturition reflex & its disorders Micturition reflex & its disorders
										Colour vision
								×		SGT: Transport across cell membrane
										SGT: Transport across cert memorate SGT: Resting membrane potential & Action potential
										SGT: Neuro muscular junction
										SGT: Incident function SGT: Ionic basis of muscle contraction
									1	SGT: Innic basis of muscle contraction SGT: Immunity
										SGT: Immunity SGT: Cardiac cycle
										SGT: Heart rate SGT: Blood pressure
							-			SGT: Cardiac output
		•								SGT: Shock
		\					9			GT: Coronary circulation
		\	N							SGT: Pulmonary circulation
		\1								SGT: Mechanics of respiration
		\'	(1)							GT: Diffusion & transport of gases
		M								SGT: Regulation of respiration
										SGT: Cerebellum
		P	TXIV.							SGT: Descending tract
		Dr. D. Y. Patil Pimpri, Pi	Mehical College	6 :						SGT: Neurophysiology of vision
		Di. D. I. Fath	incarcal coney	G,						SGT: Anterior Pituitary gland
		Pimpri, Pi	ηηe - 411018.							SGT: Anterior Pituitary giand SGT: Adrenal cortex
i.			V						1	SO1. Autorial Cortex

Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Regular/permanent	Details of Serv	vice in the Last 5 years			Year	Number of lectures taken/year. Topics	Name of Lecture Topics
-4	IIVIK Number		or contract/outsourced	Institution	Designation	From	To		covered	
										SGT: Sex determination, sex differentiation & puberty in male & female
										SGT: Menstrual cycle
										SGT: Mastication & Deglutition
										SGT: Gastric secretion & Gastric Emptying
										Students' Seminar on Circulatory shock
								2017		Propertise of skeletal Muscle
										Circulatory shock
										Mechanism of gastric acid secretion
										Disorders of pituitary gland
										Parathyroid & calcium metabolism
										Problem solving
										SGT: Cardiac cycle
										SGT: Circulatory Shock
										SGT: Regulation of respiration
										SGT – Synapse
							,			SGT - Ascending tracts
										SGT – Physiology of pain
										SGT: Visual pathway & its lesions
										Flip Teaching: Growth hormone
										Flip Teaching: Biosynthesis & regulation of 16. thyroid hormone
										Flip Teaching: Glucocorticoids
										Flip Teaching: Menstrual cycle
										Flip Teaching: Spermatogenesis
•								2010	1.6	Flip Teaching: Lactation
								2018		Posterior Pituitary gland
										Salivary secretion
										Nutrition – I
										Nutrition – II Photochemistry of vision (Eye - III)
										Female sex hormones
										SGT: Regulation of respiration Students' Seminar on Haemostasis
										Flip teaching: Thyroid hormone synthesis & regulation
		_								Flip teaching: Gastric secretion
										SGT: Menstrual cycle
										SGT: Physiology of pregnancy
			• 0							SGT: Optic tract & effect of lesion at various level/ Mechanism of hearing
			1 ()							SGT: Cerebellum
			\ \ \							Problem solving classes: CNS & SS
			100							Problem solving classes: Endo, Reproduction, Blood, Temperature Regulation
			11/2					2019		Reticuloendothelial system
			110					2017		Introduction to Cardiovascular system
										Coronary circulation
			DEAN							Chemical regulation of respiration
		Dr. D. Y. r	Patil Waliana						1	Acclimatization to high altitude
		Di.	au in a college	9,						Ethics -IV What does it mean by a patient: Dealing with patients of other
		Pimp	ri, Pane - 411018	•						religion
			DEAM Patil Medical College ri, Pune -411018.							Exocrine pancreas
			V							Flip Teaching: Micturition reflex & its disorders (SDL)

Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature of employment Regular/permanent or		ice in the Last 5 year	·		Year	Number of lectures taken/year. Topics	Name of Lecture Topics
^			contract/outsourced	Institution	Designation	From	То		covered	Comp. Let. Controller
-										SGT: Regulation of respiration
										SGT: Cardiac cycle
										Micturition reflex & its disorders
										Flip Teaching: Calcium Homeostasis (SDL)
										Introduction to Nervous System (CNS)
										Neurophysiology of Vision - I
										Neurophysiology of Vision - II & Accommodation & visual reflexes
										Posture
										Adrenal cortex – I (Glucocorticoid & its disorders)
										Reticular formation & ARAS
										Physiology of pregnancy – I
										Physiology of pregnancy – II
										Physiology of Infancy
										Basal Ganglia
										Tutorial: Neurophysiology of vision
										Tutorial: Adrenal cortex
										Tutorial: Posture
								2020	21	WBC
								2020	21	Classification of muscle & structure of skeletal muscle
										Introduction to Cardiovascular system
										ECG
				/						Mechanics of respiration - I
			/							Mechanics of respiration – II
						,				GFR – I (Urine formation - I)
						,				GFR – I (Urine formation - I) GFR – II (Urine formation - II)
						,				GFR – I (Urine formation - I) GFR – II (Urine formation - II) Adrenal cortex – I
						,				GFR – I (Urine formation - I) GFR – II (Urine formation - II) Adrenal cortex – I (Glucocorticoid & its disorders)
										GFR – I (Urine formation - I) GFR – II (Urine formation - II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II
						,				GFR – I (Urine formation - I) GFR – II (Urine formation - II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders)
						,				GFR – I (Urine formation - I) GFR – II (Urine formation - II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract - I)
						,				GFR – I (Urine formation - I) GFR – II (Urine formation - II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract - I) Sleep & wakefulness
										GFR – I (Urine formation - I) GFR – II (Urine formation - II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract - I) Sleep & wakefulness EEG
						,				GFR – I (Urine formation - I) GFR – II (Urine formation - II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract - I) Sleep & wakefulness EEG Cerebral circulation
						,		*		GFR – I (Urine formation – I) GFR – II (Urine formation – II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract – I) Sleep & wakefulness EEG Cerebral circulation Physiology of ageing and apoptosis
						,				GFR – I (Urine formation – I) GFR – II (Urine formation – II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract – I) Sleep & wakefulness EEG Cerebral circulation Physiology of ageing and apoptosis
										GFR – I (Urine formation – I) GFR – II (Urine formation – II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract – I) Sleep & wakefulness EEG Cerebral circulation Physiology of ageing and apoptosis Sedentary lifestyle & Physiology of obesity metabolic syndrome, stress res
								,		GFR – I (Urine formation – I) GFR – II (Urine formation – II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract – I) Sleep & wakefulness EEG Cerebral circulation Physiology of ageing and apoptosis Sedentary lifestyle & Physiology of obesity metabolic syndrome, stress res SDL on Regulation of respiration
								,		GFR – I (Urine formation – I) GFR – II (Urine formation – II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract – I) Sleep & wakefulness EEG Cerebral circulation Physiology of ageing and apoptosis Sedentary lifestyle & Physiology of obesity metabolic syndrome, stress res SDL on Regulation of respiration SDL – Thyroid hormone-Synthesis & physiological action
										GFR – I (Urine formation – I) GFR – II (Urine formation – II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract – I) Sleep & wakefulness EEG Cerebral circulation Physiology of ageing and apoptosis Sedentary lifestyle & Physiology of obesity metabolic syndrome, stress res SDL on Regulation of respiration SDL – Thyroid hormone-Synthesis & physiological action SDL on Basal ganglia, caudate & Putamen circuit, Functions of basal gang
										GFR – I (Urine formation – I) GFR – II (Urine formation – II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract – I) Sleep & wakefulness EEG Cerebral circulation Physiology of ageing and apoptosis Sedentary lifestyle & Physiology of obesity metabolic syndrome, stress res SDL on Regulation of respiration SDL – Thyroid hormone-Synthesis & physiological action SDL on Basal ganglia, caudate & Putamen circuit, Functions of basal ganglearkinsons disease
										GFR – I (Urine formation – I) GFR – II (Urine formation – II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract – I) Sleep & wakefulness EEG Cerebral circulation Physiology of ageing and apoptosis Sedentary lifestyle & Physiology of obesity metabolic syndrome, stress res SDL on Regulation of respiration SDL – Thyroid hormone-Synthesis & physiological action SDL on Basal ganglia, caudate & Putamen circuit, Functions of basal gang
										GFR – I (Urine formation - I) GFR – II (Urine formation - II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract - I) Sleep & wakefulness EEG Cerebral circulation Physiology of ageing and apoptosis Sedentary lifestyle & Physiology of obesity metabolic syndrome, stress res SDL on Regulation of respiration SDL – Thyroid hormone-Synthesis & physiological action SDL on Basal ganglia, caudate & Putamen circuit, Functions of basal ganglearkinsons disease
										GFR – I (Urine formation – I) GFR – II (Urine formation – II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract – I) Sleep & wakefulness EEG Cerebral circulation Physiology of ageing and apoptosis Sedentary lifestyle & Physiology of obesity metabolic syndrome, stress res SDL on Regulation of respiration SDL – Thyroid hormone-Synthesis & physiological action SDL on Basal ganglia, caudate & Putamen circuit, Functions of basal gang Parkinsons disease SDL on Neurophysiology of vision Student Webinar on blood pressure
	Dr. Bageshree Pande	Associate Professor	Regular	Dr. D. Y. Patil Medical College, Pune		0-09-15	31-12-19	2016		GFR – I (Urine formation – I) GFR – II (Urine formation – II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract – I) Sleep & wakefulness EEG Cerebral circulation Physiology of ageing and apoptosis Sedentary lifestyle & Physiology of obesity metabolic syndrome, stress res SDL on Regulation of respiration SDL – Thyroid hormone-Synthesis & physiological action SDL on Basal ganglia, caudate & Putamen circuit, Functions of basal gang Parkinsons disease SDL on Neurophysiology of vision Student Webinar on blood pressure Blood volume regulation
	Dr. Bageshree Pande MBBS, MD	Associate Professor 01-01-20	Regular	Dr. D. Y. Patil Medical College, Pune Dr. D. Y. Patil Medical College, Pune	Asst.Prof Asso.Prof	0-09-15 01-01-20		2016		GFR – I (Urine formation – I) GFR – II (Urine formation – II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract – I) Sleep & wakefulness EEG Cerebral circulation Physiology of ageing and apoptosis Sedentary lifestyle & Physiology of obesity metabolic syndrome, stress res SDL on Regulation of respiration SDL – Thyroid hormone-Synthesis & physiological action SDL on Basal ganglia, caudate & Putamen circuit, Functions of basal gang Parkinsons disease SDL on Neurophysiology of vision Student Webinar on blood pressure Blood volume regulation Introduction to eye & optics
			Regular					2016		GFR – I (Urine formation – I) GFR – II (Urine formation – II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract – I) Sleep & wakefulness EEG Cerebral circulation Physiology of ageing and apoptosis Sedentary lifestyle & Physiology of obesity metabolic syndrome, stress res SDL on Regulation of respiration SDL – Thyroid hormone-Synthesis & physiological action SDL on Basal ganglia, caudate & Putamen circuit, Functions of basal gang Parkinsons disease SDL on Neurophysiology of vision Student Webinar on blood pressure Blood volume regulation Introduction to eye & optics Errors of refraction
	MBBS, MD		Regular					2016		GFR – I (Urine formation – I) GFR – II (Urine formation – II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract – I) Sleep & wakefulness EEG Cerebral circulation Physiology of ageing and apoptosis Sedentary lifestyle & Physiology of obesity metabolic syndrome, stress res SDL on Regulation of respiration SDL – Thyroid hormone-Synthesis & physiological action SDL on Basal ganglia, caudate & Putamen circuit, Functions of basal gang Parkinsons disease SDL on Neurophysiology of vision Student Webinar on blood pressure Blood volume regulation Introduction to eye & optics Errors of refraction SGT: Transport across cell membrane
	MBBS, MD		Regular					2016		GFR – I (Urine formation - I) GFR – II (Urine formation - II) Adrenal cortex – I (Glucocorticoid & its disorders) Adrenal cortex – II (mineralo corticoid & its disorders) Pyramidal tracts (Descending tract - I) Sleep & wakefulness EEG Cerebral circulation Physiology of ageing and apoptosis Sedentary lifestyle & Physiology of obesity metabolic syndrome, stress res SDL on Regulation of respiration SDL – Thyroid hormone-Synthesis & physiological action SDL on Basal ganglia, caudate & Putamen circuit, Functions of basal gang Parkinsons disease SDL on Neurophysiology of vision Student Webinar on blood pressure Blood volume regulation Introduction to eye & optics Errors of refraction

Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature employing Regular/permanent or		ee in the Last 5 years	0	Year	Number of lectures taken/year. Topics	Name of Lecture Topics
м.			contract/outsourced	Institution	Designation	From	То	covered	
~						•			SGT: Ionic basis of muscle contraction
									SGT: Immunity
									SGT: Cardiac cycle
									SGT: Heart rate
									SGT: Blood pressure
									SGT: Cardiac output
									SGT: Shock
									GT: Coronary circulation
					1				SGT: Pulmonary circulation
									SGT: Mechanics of respiration
									GT: Diffusion & transport of gases
				/					SGT: Regulation of respiration
									SGT: Cerebellum
									SGT: Descending tract
									SGT: Neurophysiology of vision
									SGT: Anterior Pituitary gland
									SGT: Adrenal cortex
									SGT: Sex determination, sex differentiation & puberty in male & female
									SGT: Menstrual cycle
									SGT: Mastication & Deglutition
									SGT: Gastric secretion & Gastric Emptying
							2017	17	Salivary secretion
									Mastication & Deglutition
									Movements & functions of large intestine
									Endocrine pancreas
								1	SGT: Cardiac cycle SGT: Circulatory Shock
									SGT: Regulation of respiration
									SGT – Synapse
									SGT - Ascending tracts
									SGT – Physiology of pain
		,							SGT: Visual pathway & its lesions
									Flip Teaching: Growth hormone
						15			Flip Teaching: Biosynthesis & regulation of thyroid hormone
									Flip Teaching: Glucocorticoids
									Flip Teaching: Menstrual cycle
									Flip Teaching: Spermatogenesis
									Flip Teaching: Lactation
		· ·					2018		WBC I- Classification & Normal values
		12 1							WBC II – Variations, properties & functions
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \							Haemostasis – I
		/ (N)	///						Haemostasis – II
		MI	7//						Introduction to Cardiovascular system
			///						Blood Pressure – I
		DEXA							Blood Pressure – II
	n	P D V Patil Made	Calloga						Mechanics of respiration I
		DEXX Pr. D. Y. Patil Medil Pimpri, Pure -	rai College,						Mechanics of respiration II
		Pimpri, Pune -	411018.						Anterior Pituitary gland – II (Growth hormone)
							1		Pain – I

.Department	Name of Faculty Quilification	Current Designation & Date of Promotion	Nature of employment Regular/permanent	Details of Ser	rvice in the Last 5 years		0	Year	Number of lectures taken/year.	Name of Lecture Topics
La	IMR Number	2 and or 1 romotion	or contract/outsourced	Institution	Designation	From	То		Topics covered	
			contract/outsourceu							Pain – II
										Basal ganglia – I
										Basal ganglia – II
										EEG
										Ear – I
									1	Menstrual cycle
		7								SGT: Regulation of respiration
										Flip teaching: Thyroid hormone synthesis & regulation
										SGT: Blood Pressure
										Flip teaching: Gastric secretion
										SGT: Mechanics of respiration
										SGT: Menstrual cycle
										GT: Physiology of pregnancy SGT: Optic tract & effect of lesion at various level/ Mechanism of hearing
										SGT: Optic tract & effect of lesion at various level/ inechanism of hearing SGT: Cerebellum
										Problem solving classes: CNS & SS
										Problem solving classes: Endo, Reproduction, Blood, Temperature Regulation
								2019	21	WBC
								2019	21	Immunity – I
										Immunity – II
			/							Physiology of blood vessels
										ECE Physiology Blood Bank
										Ethics -II What does it mean by a patient: Patients' rights & responsibilities
										Salivary Secretion
										Flip Teaching: Micturition reflex & its disorders (SDL)
										SGT: Regulation of respiration
										Flip Teaching: Calcium Homeostasis (SDL)
										ECE Physiology: Renal failure Artificial kidney, dialysis & renal transplantati
										Organization of spinal cord
										Introduction to eye & optics & Errors of Refraction
									1	Muscle Tone – I
										Muscle Tone – II
		1								Endocrine pancreas – I
										Endocrine pancreas – II
										Female sex hormones
										Tutorial: Haemostasis Tutorial: Mastication & deglutition, movements of intestine
										SGT: Muscle tone
		•	•					2020	20	Homeostasis
								2020	20	Action potential – I
										Action potential – I
		1	Mi							Physiology of blood vessels
			11/4)/							Renal circulation, Structure & Functions of kidney
										Regulation of Blood Volume & acid base balance
		D. T. U	TXXX							ECE Physiology: Renal failure Artificial kidney, dialysis & renal transplantat
		Dr. D. Y. Patil	Medical College, me -411018.							ECE (P.B.L.)- Excretory system & Endocrinology
		Pimpei D	College,							Muscle Tone – I
		pi1, P	411018.							Muscle Tone – II
			\					1	1	Photochemistry of vision

Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature of employment Regular/permanent or	Details of Serv	vice in the Last 5 years		0	Year	Number of lectures taken/year. Topics	Name of Lecture Topics
\$64			contract/outsourced	Institution	Designation	From	То		covered	Ear – III (Auditory pathway, Test for hearing Audiometry, Auditory ever
										potential)
					*					Physiology of pregnancy – I
										Physiology of pregnancy – II
										Hormonal changes & their effects during peri menopause &menopause
										SDL on Basal ganglia, caudate & Putamen circuit, Functions of basal ga
	*									Parkinsons disease
								1		SDL on Physiology of pain
										SDL on Reflex action
										SDL on Muscle tone
										Students' Seminar on Cerebellum
					T		T			
11	Dr. Ramya Jayakumar	Assistant Professor	Regular	Dr.D.Y.Patil Medical College.Pune	Asst.Prof 01	1-08-14	till date	2016	31	Physiology of blood vessel
1.1	MBBS, MD	7.55151am 1 10105501	regular	121.12. 1.1 am Medical College, 1 and	71331.1101	. 00 17	Tim date	- 20,0		Transport of O ₂
			+				+	-		Transport of CO ₂
	2014104531							-		
										Taste & smell Anterior Pituitary gland – I
										Anterior Pituitary gland – I Anterior Pituitary gland – II
										SGT: Transport across cell membrane
										SGT: Resting membrane potential & Action potential
										SGT: Neuro muscular junction
										SGT: Ionic basis of muscle contraction
									1	SGT: Immunity
									1	
								1	1	ISGT: Cardiac cycle
										SGT: Cardiac cycle SGT: Heart rate
										SGT: Heart rate
										SGT: Heart rate SGT: Blood pressure
										SGT: Heart rate SGT: Blood pressure SGT: Cardiac output
										SGT: Heart rate SGT: Blood pressure
										SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock
										SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration
										SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases
										SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration
										SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration SGT: Cerebellum
										SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration SGT: Cerebellum SGT: Descending tract
										SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration SGT: Cerebellum SGT: Descending tract SGT: Neurophysiology of vision
										SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration SGT: Cerebellum SGT: Descending tract SGT: Neurophysiology of vision SGT: Anterior Pituitary gland
										SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration SGT: Cerebellum SGT: Descending tract SGT: Neurophysiology of vision SGT: Anterior Pituitary gland SGT: Adrenal cortex
										SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration SGT: Cerebellum SGT: Descending tract SGT: Neurophysiology of vision SGT: Anterior Pituitary gland SGT: Adrenal cortex SGT: Sex determination, sex differentiation & puberty in male & fem
										SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration SGT: Cerebellum SGT: Descending tract SGT: Neurophysiology of vision SGT: Anterior Pituitary gland SGT: Adrenal cortex SGT: Sex determination, sex differentiation & puberty in male & fem SGT: Menstrual cycle
										SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration SGT: Cerebellum SGT: Descending tract SGT: Neurophysiology of vision SGT: Anterior Pituitary gland SGT: Adrenal cortex SGT: Sex determination, sex differentiation & puberty in male & fem SGT: Menstrual cycle SGT: Mastication & Deglutition
										SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration SGT: Cerebellum SGT: Descending tract SGT: Neurophysiology of vision SGT: Anterior Pituitary gland SGT: Adrenal cortex SGT: Sex determination, sex differentiation & puberty in male & fem SGT: Menstrual cycle SGT: Mastication & Deglutition SGT: Gastric secretion & Gastric Emptying
								0017		SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration SGT: Cerebellum SGT: Descending tract SGT: Neurophysiology of vision SGT: Anterior Pituitary gland SGT: Artenal cortex SGT: Sex determination, sex differentiation & puberty in male & fem SGT: Menstrual cycle SGT: Mastication & Deglutition SGT: Gastric secretion & Gastric Emptying Students' Seminar on mechanism of hearing
								2017		SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration SGT: Cerebellum SGT: Descending tract SGT: Neurophysiology of vision SGT: Anterior Pituitary gland SGT: Artenal cortex SGT: Sex determination, sex differentiation & puberty in male & fem SGT: Menstrual cycle SGT: Mastication & Deglutition SGT: Gastric secretion & Gastric Emptying Students' Seminar on mechanism of hearing Blood group - I
								2017		SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration SGT: Descending tract SGT: Descending tract SGT: Neurophysiology of vision SGT: Anterior Pituitary gland SGT: Adrenal cortex SGT: Sex determination, sex differentiation & puberty in male & fem SGT: Menstrual cycle SGT: Mastication & Deglutition SGT: Gastric secretion & Gastric Emptying Students' Seminar on mechanism of hearing Blood group - II
								2017		SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration SGT: Perebellum SGT: Descending tract SGT: Neurophysiology of vision SGT: Anterior Pituitary gland SGT: Anterior Pituitary gland SGT: Adrenal cortex SGT: Sex determination, sex differentiation & puberty in male & fem SGT: Menstrual cycle SGT: Mastication & Deglutition SGT: Gastric secretion & Gastric Emptying Students' Seminar on mechanism of hearing Blood group - I Blood group - II Tissue fluid formation I
								2017		SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration SGT: Descending tract SGT: Descending tract SGT: Neurophysiology of vision SGT: Anterior Pituitary gland SGT: Anterior Pituitary gland SGT: Adrenal cortex SGT: Sex determination, sex differentiation & puberty in male & fem SGT: Mastication & Deglutition SGT: Gastric secretion & Gastric Emptying Students' Seminar on mechanism of hearing Blood group - II Tissue fluid formation II
			vical College.					2017		SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration SGT: Descending tract SGT: Descending tract SGT: Neurophysiology of vision SGT: Anterior Pituitary gland SGT: Anterior Pituitary gland SGT: Sex determination, sex differentiation & puberty in male & fem SGT: Menstrual cycle SGT: Mastication & Deglutition SGT: Gastric secretion & Gastric Emptying Students' Seminar on mechanism of hearing Blood group - I Blood group - II Tissue fluid formation II Introduction to eye & optics
			oical College,					2017		SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration SGT: Descending tract SGT: Descending tract SGT: Neurophysiology of vision SGT: Anterior Pituitary gland SGT: Anterior Pituitary gland SGT: Sex determination, sex differentiation & puberty in male & fems SGT: Menstrual cycle SGT: Mastication & Deglutition SGT: Gastric secretion & Gastric Emptying Students' Seminar on mechanism of hearing Blood group - I Blood group - II Tissue fluid formation I
			dical College, -411018.					2017		SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration SGT: Descending tract SGT: Descending tract SGT: Neurophysiology of vision SGT: Anterior Pituitary gland SGT: Anterior Pituitary gland SGT: Sex determination, sex differentiation & puberty in male & fem SGT: Menstrual cycle SGT: Mastication & Deglutition SGT: Gastric secretion & Gastric Emptying Students' Seminar on mechanism of hearing Blood group - I Blood group - II Tissue fluid formation II Introduction to eye & optics
		Dr. D. Y. Patii Per Pimpri, Pune	dical College, 411018.					2017		SGT: Heart rate SGT: Blood pressure SGT: Cardiac output SGT: Shock SGT: Coronary circulation SGT: Pulmonary circulation SGT: Mechanics of respiration SGT: Diffusion & transport of gases SGT: Regulation of respiration SGT: Descending tract SGT: Descending tract SGT: Neurophysiology of vision SGT: Anterior Pituitary gland SGT: Adrenal cortex SGT: Sex determination, sex differentiation & puberty in male & fem SGT: Menstrual cycle SGT: Mastication & Deglutition SGT: Gastric secretion & Gastric Emptying Students' Seminar on mechanism of hearing Blood group - I Blood group - II Tissue fluid formation II Introduction to eye & optics

, Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature of employment Regular/permanent or	Details of Service	in the Last 5 years	From	To	Year	Number of lectures taken/year. Topics covered	Name of Lecture Topics
			contract/outsourced							Quiz- CNS SGT: Cardiac cycle SGT: Circulatory Shock SGT: Regulation of respiration
								,		SGT – Synapse SGT - Ascending tracts SGT – Physiology of pain SGT: Visual pathway & its lesions Flip Teaching: Growth hormone
										Flip Teaching. Biosynthesis & regulation of thyroid hormone Flip Teaching: Glucocorticoids Flip Teaching: Menstrual cycle Flip Teaching: Spermatogenesis Flip Teaching: Lactation
								2018	19	Blood group - I Blood group - II Physiology of blood vessels Mastication & Deglutition
										Gastric emptying Errors of refraction Movements of intestine Male reproductive system – I Male reproductive system – II
										SGT: Regulation of respiration SGT: Blood Pressure Flip teaching: Gastric secretion SGT: Mechanics of respiration
										SGT: Menstrual cycle SGT: Physiology of pregnancy SGT: Optic tract & effect of lesion at various level/ Mechanism of hearing SGT: Cerebellum Problem solving classes: CNS & SS
								2019	20	Problem solving classes: Endo, Reproduction, Blood, Temperature Regulation Composition & functions of blood RBC - I RBC - II ECE Physiology Blood Bank
										Ethics -III What does it mean by a patient: Patient Communication Principles of Artificial respiration & decompression sickness Gut Brain Axis Flip Teaching: Micturition reflex & its disorders (SDL)
		Dr. D. Y. Patil	Medical College.							SGT: Regulation of respiration SGT: Cardiac cycle Flip Teaching: Calcium Homeostasis (SDL) Students Seminar on Physiology of skeletal muscle
		Pimpri, Pi	Medical College, ne - 411018.							Problem based learning on Blood, CVS & RS Synapse- I Synapse- II Cerebral circulation

Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature of employment Regular/permanent or		e in the Last 5 year		То	Year	Number of lectures taken/year. Topics	Name of Lecture Topics
			contract/outsourced	Institution	Designation	From	10		covered	Male reproductive system – III (Applied aspects of male reproductive system)
~										Male reproductive system – III (Applied aspects of finale reproductive system)
					١					Physiology of obesity metabolic syndrome, stress response
					,					Tutorial: Menstrual cycle
	*							2020	1.4	Tutorial: Regulation of respiration
								2020	14	Blood group - I
										Blood group – II Tissue fluid formation - I
										Tissue fluid formation - II
										Coronary circulation
										Movements of intestine
										Disorders of GIT
										Physiology of nerve
										ECE (Spots- Endocrine disorders)
										Hypothalamus Introduction to eye & optics & Errors of Refraction
			,							CSF & Blood Brain Barrier And concept of brain death
										SDL on Regulation of respiration SDL – Thyroid hormone-Synthesis & physiological action
	<u> </u>		T					-		SDL – Inyroid normone-Synthesis & physiological action
						1500.15		2016	1 25	Out is sometime.
12	Dr. Nivedita Sirdesai	Assistant Professor	Regular	Dr.D.Y.Patil Medical College, Pune	Asst.Prof	15-03-17	till date	2016	25	Gastric emptying SGT: Transport across cell membrane
	MBBS, MD							-		SGT: Transport across cert memorate SGT: Resting membrane potential & Action potential
	2011051102						1	-		SGT: Resting memorate potential & Action potential SGT: Neuro muscular junction
										SGT: Incirc basis of muscle contraction
										SGT: Immunity
										SGT: Cardiac cycle
										SGT: Heart rate
										SGT: Blood pressure
										SGT: Cardiac output
										SGT: Shock
										SGT: Coronary circulation
										SGT: Pulmonary circulation
										SGT: Mechanics of respiration
										SGT: Diffusion & transport of gases
								1		SGT: Regulation of respiration
										SGT: Cerebellum
										SGT: Descending tract
									1	SGT: Neurophysiology of vision
			\wedge							SGT: Anterior Pituitary gland
		Λ .								SGT: Adrenal cortex
		1/							1	SGT: Sex determination, sex differentiation & puberty in male & female
		\ \alpha	.X /						1	SGT: Menstrual cycle
		1,11,	p > //							SGT: Mastication & Deglutition
			"///							SGT: Gastric secretion & Gastric Emptying
		λ	X./					2017	20	Composition & functions of blood
		DE	AN					2017	20	Introduction to CVS
			Asianl College							Pulmonary circulation
		Dr. D. Y. Patil	letical conede	,				1		Taste & smell
		Dimpri	del-411018.					1	1	Tuble & Billeti

Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Nature of employment Regular/permanent or		e in the Last 5 year	5		Year	Number of lectures taken/year. Topics	Name of Lecture Topics
			contract/outsourced	Institution	Designation	From	То		covered	
W										Introduction to Gastrointestinal system (Including splanchnic circulation)
										Introduction to Reproductive system, Sex determination & differentiation
										Student Seminar Blood pressure
										SGT: Cardiac cycle
										SGT: Circulatory Shock
										SGT: Regulation of respiration
										SGT – Synapse
										SGT - Ascending tracts
										SGT – Physiology of pain
										SGT: Visual pathway & its lesions
										Flip Teaching: Growth hormone
										Flip Teaching: Biosynthesis & regulation of thyroid hormone
										Flip Teaching: Glucocorticoids
										Flip Teaching: Menstrual cycle
										Flip Teaching: Spermatogenesis
										Flip Teaching: Lactation
								2018		Diffusion of gases
								2010		Disorders of pituitary gland
										GIT hormones
										Introduction to eye & optics (Eye - I)
										Physiology of pregnancy – I
		,								Physiology of pregnancy – II
										Flip teaching: Thyroid hormone synthesis & regulation
										Flip teaching: Gastric secretion
										SGT: Mechanics of respiration
										Students Seminar on thyroid hormone
										SGT: Menstrual cycle
										SGT: Physiology of pregnancy
										SGT: Optic tract & effect of lesion at various level/ Mechanism of hearing
										SGT: Cerebellum
		(1		Problem solving classes: CNS & SS
										Problem solving classes: Endo, Reproduction, Blood, Temperature Regulation
								2019		Blood group – I
							*			Blood group – II
								-		ECE Physiology Blood Bank
			1							Pulmonary circulation
										Ethics -V What does it mean by a patient: Informed Consent
										SGT: Regulation of respiration
										SGT: Cardiac cycle
		_						2020		Salivary Secretion
		€ ∨								Tubular reabsorption & secretion (Urine formation III)
										Tubular reabsorption & secretion (Urine formation – IV)
		lal								Endocrine pancreas – I
		\ \k)							Endocrine pancreas – II
		7(%								AETCOM: What does it mean to be a patient- Informed consent
			MAL							AETCOM: Patient communication in doctor patient relationship
		Dr. D. Y. Phill								AETCOM: Doctor patient relationship: shared responsibilities
		D: 194	edical College							Physiological effects of meditation
		Pimpri E	e 1440						[Tutorial: Problem solving- Endocrine system
			e - 411018.					·		
		\								
			-30							

Department	Name of Faculty Quilification IMR Number	Current Designation & Date of Promotion	Regular/permanent	Details of Se	ervice in the Last 5 ye	ars		Year	Number of lectures taken/year.	
	IVIK Number		or contract/outsourced	Institution	Designation	From	То		Topics covered	
						77.7° 72.7° 73.8° 74.8° 75.8° 76.8°				SDL on Regulation of respiration SDL – Thyroid hormone-Synthesis & physiological action SDL on Neurophysiology of vision SDL on Reflex action Guest lecture: Paradigm Shift In Teaching Learning From Classroom To Virtu
		1	I	<u> </u>		<u> </u>	r ·	-		Mode: Challenges & Opportunities
13	Dr. Ayub I. Siddiqui MBBS	Demonstrator	Regular	Dr.D.Y.Patil Medical College, Pune	Demonstrator	13-01-20	till date			NIL
14	2019031059 Dr. Kashish D. Shahani	Demonstrator	Danila	D-D-VD-CIV-L-10-II D	D	00.00.01	.''11 1 .			
14	MBBS 2021031720	Demonstrator	Regular	Dr.D. Y.Patil Medical College, Pune	Demonstrator	08-02-21	till date			NIL
15	Dr. Mehek Bariana MBBS	Demonstrator	Regular	Dr.D. Y. Patil Medical College, Pune	Demonstrator	08-02-21	till date			NIL
16	2021031727 Dr. Raj S. Kamble MBBS	Demonstrator	Regular	Dr.D.Y.Patil Medical College, Pune	Demonstrator	08-02-21	till date			NIL
17	2021066152 Dr. Prajakta Lokhande	Domonstrator	Dogular	Da D. V. Datil Madical Callege Done	D	02 11 21	431 4-4-			
17	MBBS 2018084219	Demonstrator	Regular	Dr.D.Y.Patil Medical College, Pune	Demonstrator	03-11-21	till date			NIL

02. Annexure-1 - Publication in Vancouver referencing style

Sr. No	Faculty Name	Publication in Vancouver referencing style	Pubmed Indexed Yes / No	Scopes Indexed
Physiology				A 111
1	Dr. V. G. Jaltade	Nil	Nil	Nil
2	Dr. C. A. Saraf	Bhupendra Marotrao Gathe, Mahendra Bhauraoji Gandhe, Babita Sahu, Nitin Gosewade, Chhaya Anil Saraf, Ramji Singh. Effect of noise pollution on hearing in Auto-Rickshaw Drivers- A Brainstem auditory evoked potentials BAEP Study. Indian Journal of Otology. 2016; 22(4): 275-279.	No	Yes
		Saraf Chhaya, Gathe Bhupendra, Itagi Afreen Begum H, Gade Shubhada, Nisargandha Milind, Gajbhiye IPR. Effect of Swim Training On Pulmonary Functions In Boys Of Prepubertal And Pubertal Age. Panacea journal of Medical Sciences. 2016; 6(1): 8-12.	, No	No
		Chhaya Saraf, Afreen Begum H Itagi, Shubhada Gade, Dimple Arora, Nitin Gosewade, Baishali Deb. Role of mentoring in improving academic performance among low achievers in a medical college of Chhattisgarh India, Journal of Education Technology in Health Sciences, September - December, 2017;4(3):107 – 111.	No	No
		Bhupendra Marotrao Gathe, Anupkumar Dhanvijay, Babita Sahu, Nitin Dhokne, Ninad Nagrale, Chhaya Saraf. Power point versus chalk and board teaching in physiology of vision – A comparative study, National journal of Physiology, pharmacy and Pharmacology, 2019; 9(1): 1-3	No	No
3	Dr. M. S. Karandikar	ST Methre, Karandikar MS. A study of pulmonary function of spray painters working in garage. IOSR Journal of Dental and Medical Sciences. 2016; 15(3): 01-07.	No	No
		M. M. Karandikar1, A. R. Joshi, M. S. Karandikar. Partial restoration of the haematological profile in 4-week-old pups after six generations of improved nutrient supply. MedPulse International Journal of Physiology 2019;11(2): 30-33.	No	No

02. Annexure-1 - Publication in Vancouver referencing style

Sr. No	Faculty Name	Publication in Vancouver referencing style	Pubmed Indexed Yes / No	Scopes Indexed
		M. M. Karandikar, A.R. Joshi, M. S. Karandikar. The haematological profile with fifty generations of undernutrition cannot be reversed with six generations of a recuperation diet in a wistar rat colony. MedPulse International Journal of Physiology 2019;11(2):21-24.	No	No
		Mugdha V. Joglekar, Rohan R. Patil, Sarang N. Satoor, Wilson K. M. Wong, Mahesh S. Karandikar, and Anandwardhan A. Hardikar "Promoting Pro-Endocrine Differentiation and Graft Maturation Following Surgical Resection of the Mouse Pancreas" Shree Ram Singh et al. (eds.), Mouse Genetics: Methods and Protocols, Methods in Molecular Biology, vol. 2224, https://doi.org/10.1007/978-1-0716-1008-4_6, © Springer Science+Business Media, LLC, part of Springer Nature 2021	Yes	No
		Dr. Sangeeta M Gawali, Dr Mahesh S Karandikar, "High sensitivity- c reactive protein as cardiovascular risk marker in metabolic syndrome patients" Indian Journal of Applied Research Aug 2021; 11(8): 1-3.	Yes	No
		Dr. Sangeeta M Gawali, Dr Mahesh S Karandikar. "The impact of insulin resistance, dyslipidemia and high sensitivity C-reactivity protein on carotid intima-media thickness in metabolic syndrom" International Journal of Research in Medical Sciences Aug 2021; 9(8): 2347-2353.	No	No
4	Dr. R. S. Sood	Sood RS, Khandalkar S, Sood A, Awareness, among primary health care physicians, of acute cyanide poisoning being a possible consequence of fire accidents. International Journal of Biomedical and Advance Research. 2016; 7(8): 376-8.	No	No
		Sood RS, Bendre MB, Sood A. Barriers to asking question by the first MBBS student during didactic lectures in physiology. Indian Journal of Basic and Applied Medical Research. 2016; 5(3): 841-6.	No	No
		Sood RS, Bendre MB, Sood A, Analysis and remedy of the item writing flaws rectified at prevalidation of multiple choice questions drafted for assessment of MBBS students. March2016; 5(2): 692-698.	No	No

02. Annexure-1 - Publication in Vancouver referencing style

Sr. No	Faculty Name	Publication in Vancouver referencing style	Pubmed Indexed Yes / No	Scopes Indexed
		Gupta RD, Parekh K, Warrier VU, Lokhande KB, Swamy KV, Sood RS, etal Purification and characterization of pectins from Abelmoschus esculentus (okra pods) and Citrus limetta (citrus peels) and in silico binding study of pectin and pectic polysaccharides with galectin-1. 2020; 7 (5) (Supplement): S41-8.	No	No
		Arunima Chaudhuri, Rajkumar Sansarchand Sood, Suhrita Paul, Enakshi Saha. "A study of perceived stress level and sleep quality among physicians in a hospital of West Bengal, during the second wave of the present coronavirus disease-19 pandemic." National Journal of Physiology, Pharmacy and Pharmacology July 2021(online first);12(1):1-5.	No	No
5	Dr. (Mrs.) N. Prasad	Birajdar G, Prasad NB, Purandare VR. Effect of smoking on Autonomic functions. IOSR Journal of Dental & Medical Sciences. Jan 2016; 15(1) 39-42.	No	No
		Salvi S, Prasad NB, Bhandari N. Pulmonary function test in petrol pump workers and garage workers: A long drawn peril. International journal of health sciences & research. 2016; 4(2): 319-323.	No	No
		Dr. Neelam Bala Prasad, Dr. Sataree Kothadia. Study of heart rate variability in subclinical hypothyroidism IOSR Journal of Dental & Medical Sciences. August 2017; 16(8) 1-4.	No	No
		Dr. Neelam Prasad, S.A. Diwanji. Evaluation of Peripheral Nerves of Upper Limb and its Correlation with Blood Sugar Levels: A Electrophysiological Study in Type 2 Diabetics" Indian Journal Of Clinical Anatomy And Physiology (IJCAP)July-August 2018;5(3):344-6.	No	No
		Dr. Sheetal Salvi, Dr. Neelam Prasad. Learning strategies in medical school: A holistic approach to Physiology National journal of Physiology, Pharmacy & Pharmacology, July 2018; 8(7):1070-1073.	No	No

02. Annexure-1 - Publication in Vancouver referencing style

Sr. No	Faculty Name	Publication in Vancouver referencing style	Pubmed Indexed Yes / No	Scopes Indexed
		Indu K Pisharody, Neelam Bala Prasad. BMI an early indicator of abnormal glucose and lipid profiles in young Indian adults. National journal of Physiology, Pharmacy & Pharmacology, May 2018; 8(5): 690 - 693.	No	No
		Neelam Bala Prasad, Saroj Diwanji. Electrophysiological study of the palmar cutaneous nerves in diabetics. National journal of Physiology, Pharmacy & Pharmacology, May 2018; 8(5): 694-698.	No	No
		Dr. Sheetal Salvi, Dr. Neelam Prasad. Learning strategies in medical school: A holistic approach to Physiology National journal of Physiology, Pharmacy & Pharmacology, July 2018; 8(7):1070-1073.	No	No
	w.	Gurunath Andappa Birajdar1, Neelam Bala Prasad. Influence of smoking on forced expiratory volume in first second: A case–control study.2020;10(5)434-436.	No	No
6	Dr. P. D. Khuje	Dr. P. D. Khuje, Habit of proper and adequate food chewing, avoiding water during meals and drink water 1-2 hours after meals in patients of gastroesophageal reflux diseases. Paripex – Indian Journal of Research May 2016;5(5):41-42.	No	No
		Dr. P. D. Khuje, Honey in warm water: An ideal prescription for weight loss. International Journal of Scientific Research. June 2016; 5(6):484-86.	Yes	No
		Dr. P. D. Khuje, Hand acupressure for symptomatic relief of chronic rhinitis. International Education Scientific Research Journal. July 2016;2 (7):45-46.	No	No
		Khuje P, Hulke S M. Consumption of Yogurt, Aloe-vera pulp and Holy Basil leaves to reduce the recurrence of aphthous mouth ulcers in night shift workers. 2017; 3(4): 807-809.	No	No
		Khuje P, Sandip M Hulke. Neem (Azadirachta Indica), Reetha (Sapindus mukorossi), Shikakai (Acacia concinna), Hibiscus flower (Hibiscus sabdariffa) oil & Lemon: A natural antidandruff formula. International Journal of Advanced Scientific Research 2017;2(3):27-29.	No	No

02. Annexure-1 - Publication in Vancouver referencing style

Sr. No	Faculty Name	Publication in Vancouver referencing style	Pubmed Indexed Yes / No	Scopes Indexed
		Sandip M Hulke, Khuje P, Vaidya Yuqarti P. Change in Relationship between body Composition and Aerobic Power in Physical Education College's Students: A 12 Weeks Longitudinal Study. International journal of Physiology Jan-March 2018; 6(1): 166-178.	No	No
		Khuje P, Sandip M Hulke. Can Trained Wind Instrument Blowers Develop Higher inspiratory Spirometric Parameters Along with Expiratory Spirometric Parameters? International journal of Physiology Jan-March 2018; 6(1): 171-174.	No	No
		Prashant D. Khuje, Bharti Sable. "A novel method of peripheral blood smear preparation" National Journal of Physiology, Pharmacy and Pharmacology Aug 2021; 11(8): 821-823.	No	No
7	Dr.(Mrs.) S. S. Jadhav	Dr. Sugata Jadhav Evaluation of visual reaction time during pre- and post-menstrual phase. National Journal of Physiology, Pharmacy and Pharmacology. March 2019; 9(5): 398-400.	No	No
8	Dr.(Mrs.) S. T. Methre	ST Methre, Karandikar MS. A study of pulmonary function of spray painters working in garage. IOSR Journal of Dental and Medical Sciences. 2016; 15(3): 01-07.	No	No
		Methre S, Methre T, Borade N. Educational Environment in First Year BDS and BPT Students International Journal of Contemporary Medical Research. 2016; 3(11): 3163-3166.	No	No
		ST Methre, Borade NG. Perception of stress in first-year MBBS, BDS, and BPTh students. National Journal of Physiology Pharmacy Pharmacol 2017; 7(2):1-6.	No	No
		Dattani M, Methre S, Methre T, Waist circumference relates to blood pressure among adults. IJCAP. March 2018; 5(1):91-96.	No	No
		Methre S, Jayakumar R, Dattani M, Borade N, Methre T. A cross-sectional study of anthropometric parameters in normotensive offsprings of hypertensive parents. NJPPP 2019; 9(2): 160-164	No	No

02. Annexure-1 - Publication in Vancouver referencing style

Sr. No	Faculty Name	Publication in Vancouver referencing style	Pubmed Indexed Yes / No	Scopes Indexed
		Seema Tanaji Methre, Ramya Jayakumar, Tanaji Sambhaji Methre, Priyanka Sanjay Joshi. "Correlation of interarm blood pressure difference with family history of hypertension, anthropometric parameters, and mean arterial blood pressure in normotensive people". National Journal of Physiology, Pharmacy and Pharmacology 2021; 11(1): 23-27.	No	No
9	Dr. S. R. Salvi	Salvi S, Prasad NB, Bhandari N. Pulmonary function test in petrol pump workers and garage workers: A long drawn peril. International journal of health sciences & research. 2016; 4(2): 319-323.	No	No
		Salvi S, Joshi A. Platelet aggregability prehypertension and heart rate in male smokers: An unwelcome circumstance for prothrombotic activity. NJPPP 2018; 8(7): 1005-1009.	No	No
		Salvi S, Prasad NB. Learning strategies in medical school: A holistic approach to Physiology. NJPPP 2018; 8(7): 1070-1073.	No	No
		Salvi S, Gitartha Goswami. Video gaming, physiological responses, and well-being in medical students: An essence of intrigue way of learning. National Journal of Physiology, Pharmacy and Pharmacology.2020; $10(6)$: $1-5$.	No	No
		Sheetal Salvi, Gitartha Goswami. "Impact of video gaming among medical students: unravelling the benefits" International journal of scientific research.2021; 10(3):63-64.	Yes	No
10	Dr. (Mrs.) B. N. Pande	Pande B, Tajne V. Comparision of Lung Functions among Males and Females with Sickle Cell Anaemia. International Journal of Contemporary Medical Research 2016; 3(8):2322-2324.	No	No
		Patil A, Pande B, Borade N. Learning to learn and teach: Student seminar as a teaching- learning method in undergraduate medical physiology through students' perspective. NJPPP 2018;8(9):1-6.	No	No
		Pande B, Patil A. Gender differences in cardiovascular autonomic function status in normal healthy individuals: A cross-sectional study. NJPPP 2019; 9(7):1-5.	No	No

02. Annexure-1 - Publication in Vancouver referencing style

Sr. No	Faculty Name	Publication in Vancouver referencing style	Pubmed Indexed Yes / No	Scopes Indexed
11	Dr. R. Jayakumar	Methre ST, Jayakumar R, Dattani M, Borade NG, Methre TS. A cross-sectional study of anthropometric parameters in normotensive offsprings of hypertensive parents. Natl J Physiol Pharm Pharmacol 2019; 9(2): 160-164.	No	No
		Seema Tanaji Methre, Ramya Jayakumar, Tanaji Sambhaji Methre, Priyanka Sanjay Joshi. "Correlation of interarm blood pressure difference with family history of hypertension, anthropometric parameters, and mean arterial blood pressure in normotensive people". National Journal of Physiology, Pharmacy and Pharmacology 2021; 11(1): 23-27.	No	No
12	Dr.(Mrs.)N.N. Sirdesai	Deepa HS, Sirdesai N. A comparative study of auditory & visual reaction time in table tennis players and age matched healthy controls. Indian Journal of Clinical Anatomy and Physiology, 2016; 3(4):408-411.	No	No

Dr. D. Y. Patil Medical College, Ho Ital & Research Centre, Pimpri une - 411018.

3. Medical Educator Training/ Research Methodology and dates

Department	Faculty Name	MET Workshop	Dates
Physiology		20 大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大	BALLESIA
1	Dr. C. A. Saraf	3 Days Revised Basic course Workshop in Medical Education Technologies	25 th – 27 th August 2015
2	Dr. V.G.Jaltade	Workshop on Curriculum Implementation Support Program	22 nd - 24 th April 2019
3	Dr.M. S. Karandikar	Workshop on Curriculum Implementation Support Program	22 nd - 24 th April 2019
4	Dr. R. S. Sood	Live course on Advanced Teaching Skills	08 th -09 th Jun 2018
5	Dr. Neelam Prasad	Workshop on Curriculum Implementation Support Program	22 nd - 24 th April 2019
6	Dr. P. D. Khuje	MCI CISP-II workshop	24 th - 25 th Sep 2020
7	Dr. S. S. Jadhav	Revised Basic Course workshop and Training in Attitude, Ethics & Communication (AETCOM)	16 th - 18 th March 2021
8	Dr. S. T. Methre	Revised Basic workshop & Training (AETCOM) as a participant	1 st - 3 rd Sep 2021
9	Dr. S. R. Salvi	Basic workshop in medical Education Technology	16 th – 18 th Oct 2014
10	Dr. B. N. Pande	Revised Basic workshop in medical Education Technology AETCOM	24th -26th September 2019
11	Dr. Ramya Jayakumar	Basic course on statistical packages for health research	4th to 5th May 2017
12	Dr.Nivedita Sirdesai	Workshop on Curriculum Implementation Support Program	22 nd - 24 th April 2019